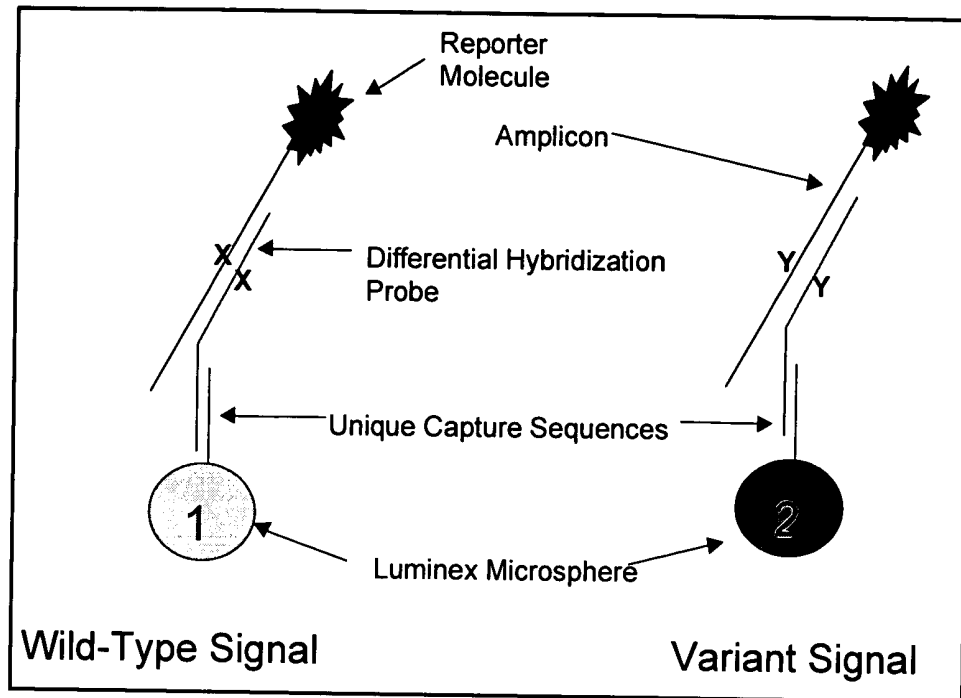


FIG. 1

**FIG. 2**

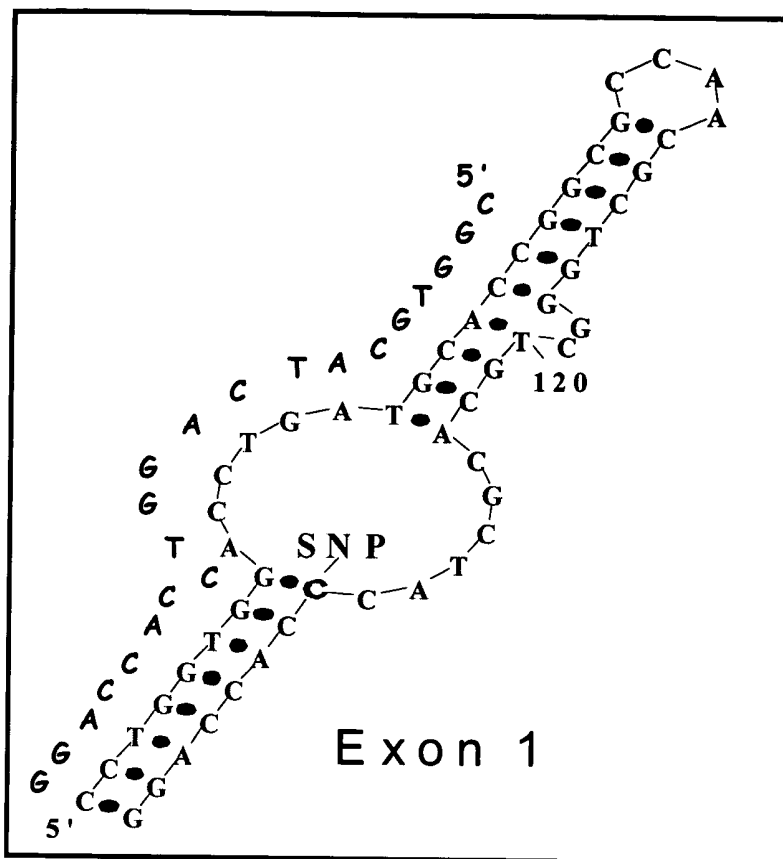
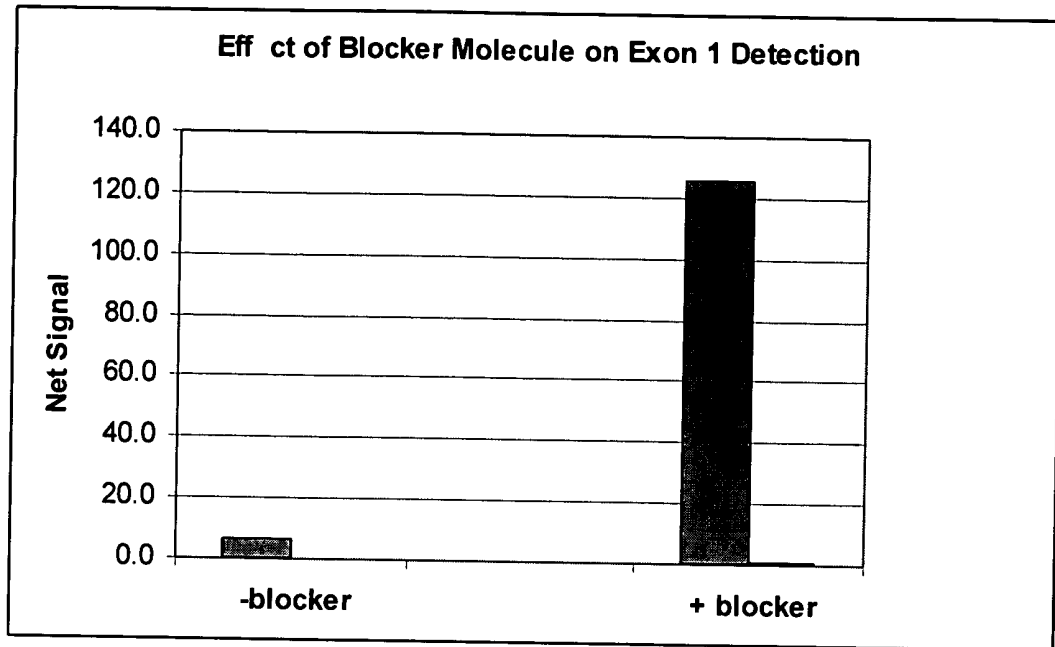
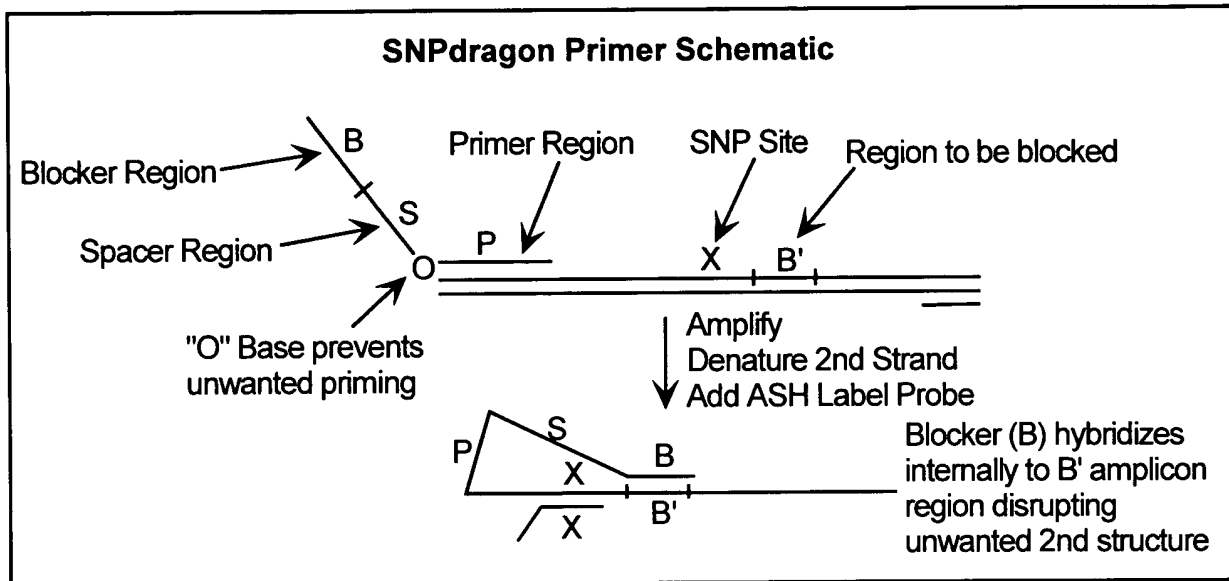
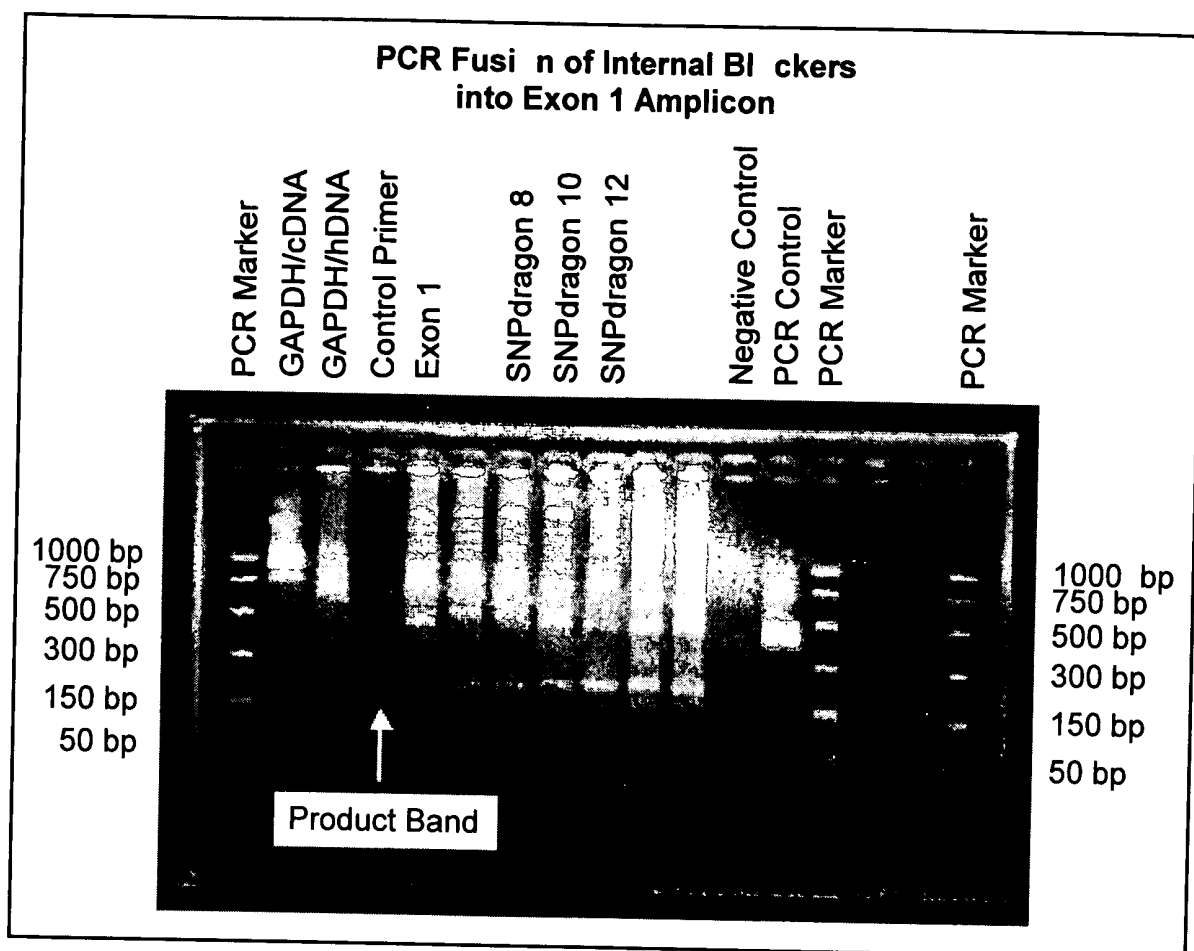
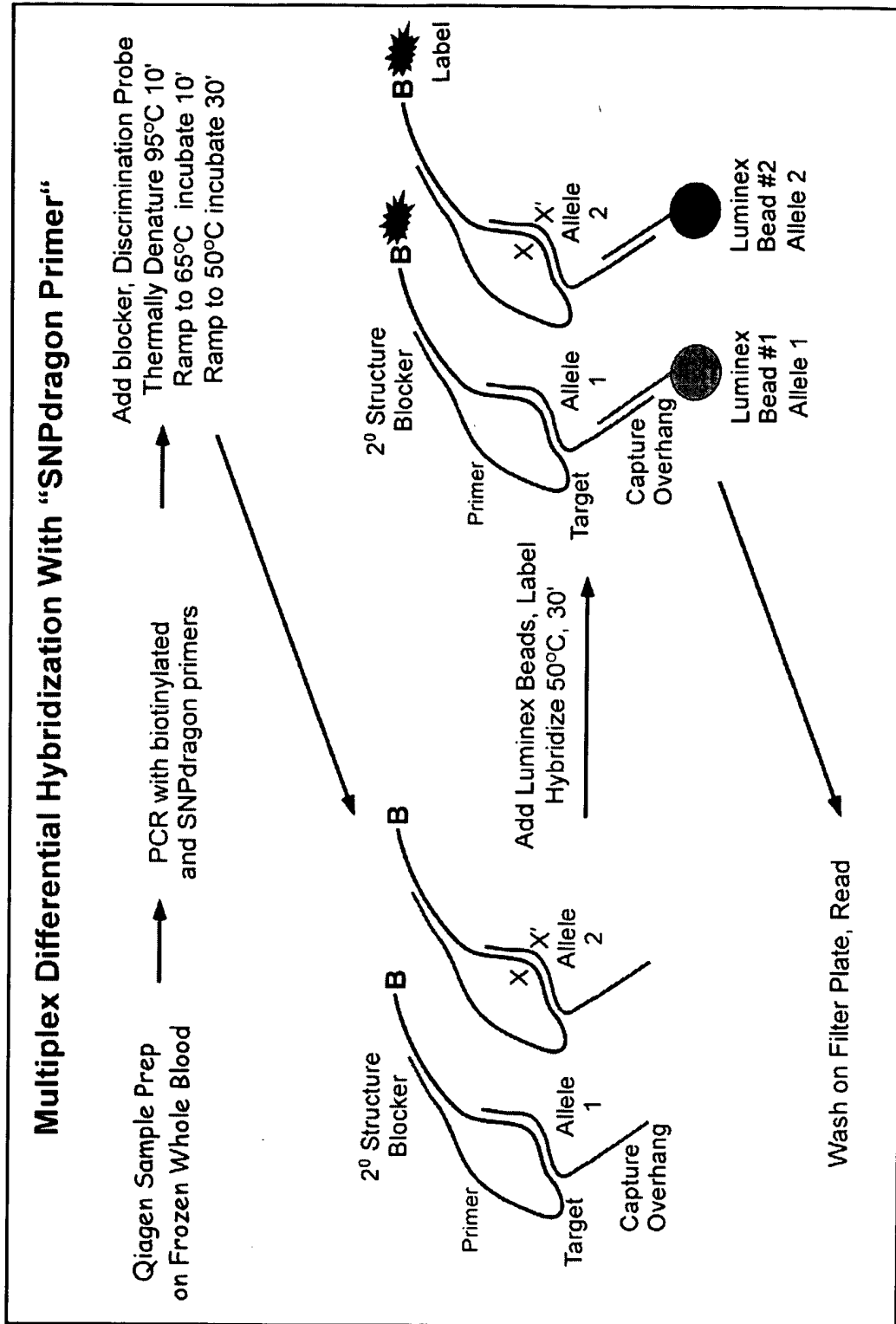


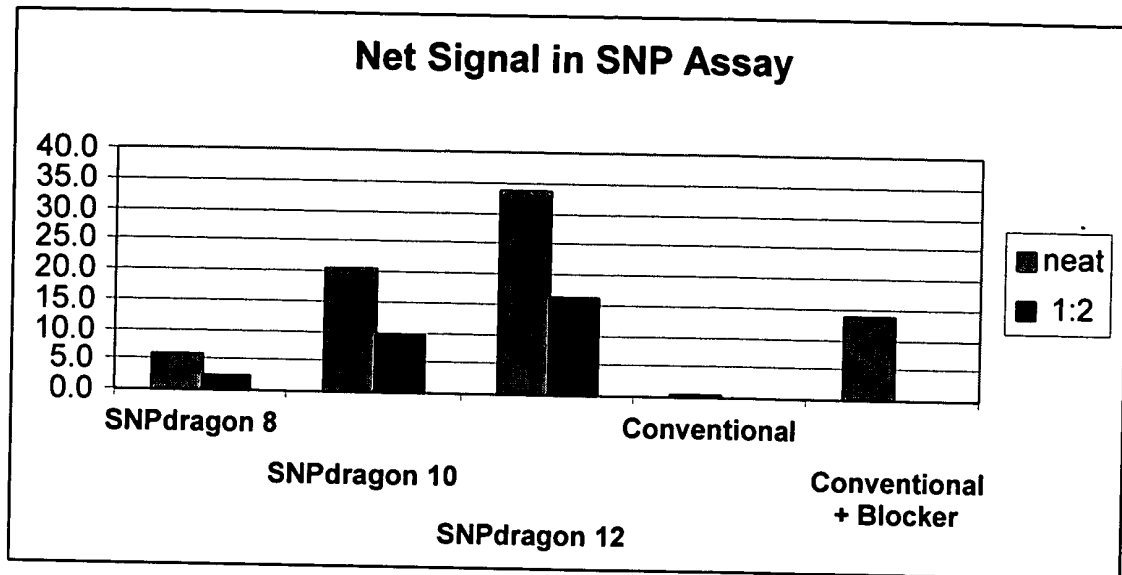
FIG. 3

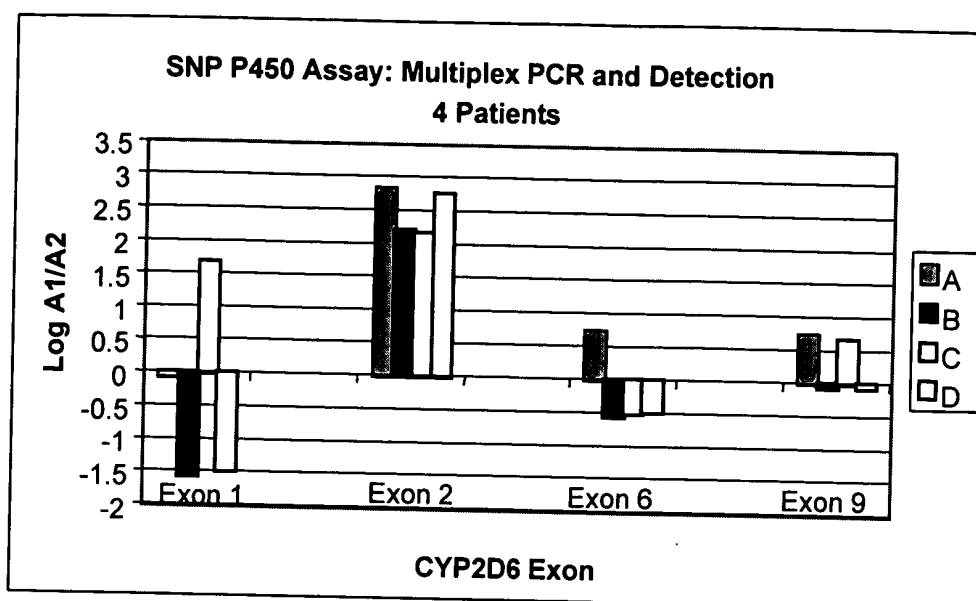
**FIG. 4**

**FIG. 5**

**FIG. 6**

**FIG. 7**

**FIG. 8**

**Assignment Criteria**

A1 = Allele 1

A2 = Allele 2

Genotype

A1

HZ

A2

Log A1/A2

>0.5

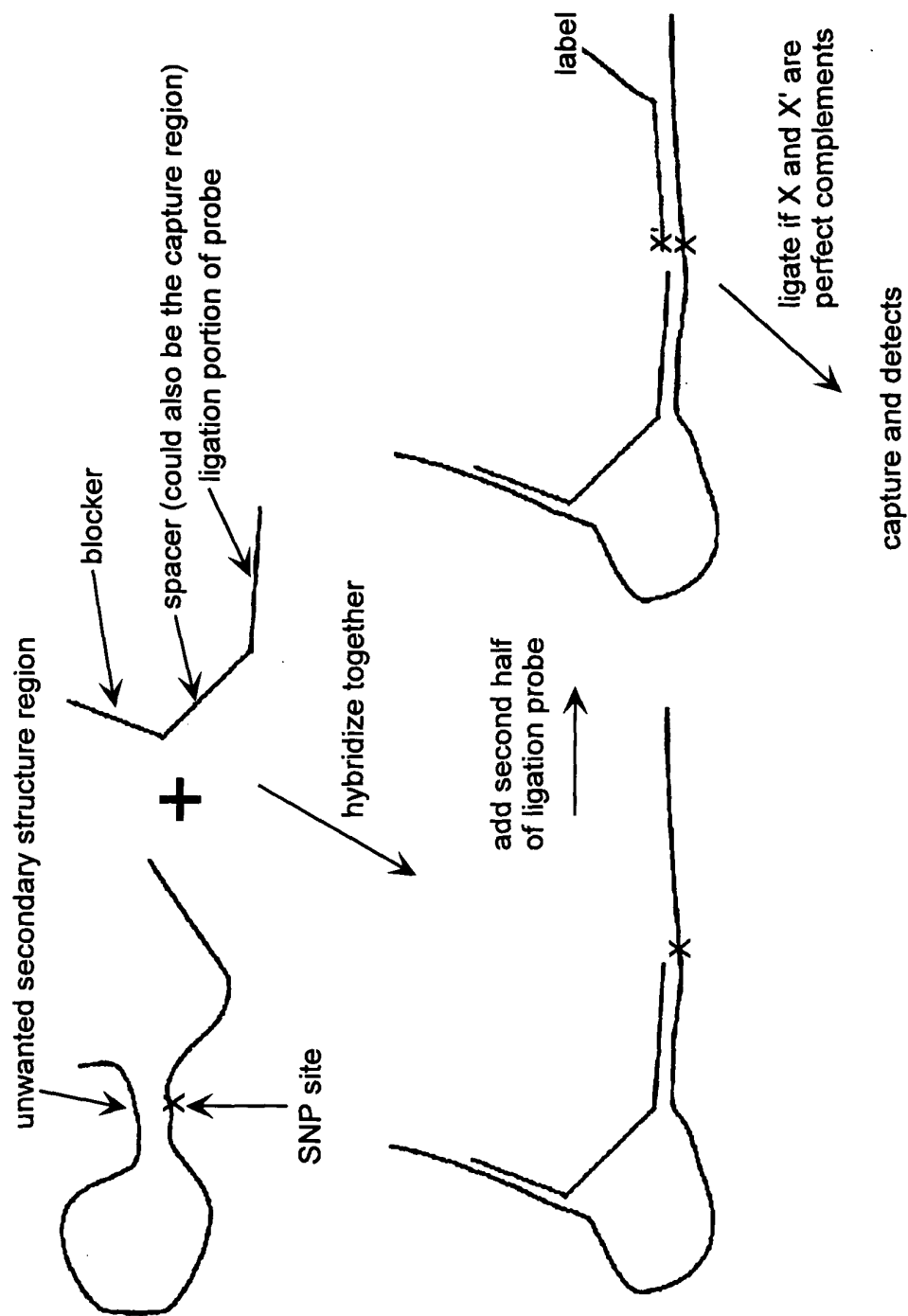
-0.5 to 0.5

<-0.5

Result	Sample	C118T	C111T	C2938T	G4268C
	A	HZ	A1	A1	A1
	B	A2	A1	HZ	HZ
	C	A1	A1	HZ	A1
	D	A2	A1	HZ	HZ

FIG. 9

Secondary Structure Disruption Coupled with Ligation Detection

**FIG. 10**